LABDEX

Double Sided Vertical Shaker
LX10DVS

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Description

Double sided vertical shaker LX10DVS device mainly used in the laboratory for shaking or mixing difficult media such as viscous liquids, solid dispersions and liquid-liquid extractions. Designed for automatic shaking of separating funnel using vertical and slanting shaking mode. Holds up to 50 ml~2000 ml. Operates multiple batches of samples with high efficiency and recovery rate.

Specifications

Shaking speed	100-300 T (turns) / min
Shaking (distance) range	40 mm
Shaking method	Vertical and Slanting shaking (tilt angle 0 to 20° adjustable)
Frequency control	Infinite variable speed
Display	LCD Display
Time set range	Max. 15 minutes (with adjustable count down)
Applicable	50 to 2000 ml standard pyriform or ball type separating funnel
Vessel number (Choose 1 or more)	4 Pcs (A), 6 Pcs (B), 8 Pcs (C) and 10 Pcs (D)
Extraction efficiency	95 to 110%
Load rated	Bilateral symmetry, 11 kg
Power	110 W
Power supply	AC 220 V, 50/60 Hz

Dimension (W x D x H)	535 x 475 x 690 mm
Packing dimension (W x D x H)	700 x 600 x 840 mm
Gross weight	140 Kg

Features

- LCD screen to show time and shaking frequency
- Automatically shake separating funnel, complete liquid-liquid extraction, sample mixing, etc.
- Large amplitude, high speed and working time can be set
- Features like adjustable frequency, batch samples processing, high efficiency, high recovery rate and minimizing operator exposure to chemical agents to protect personal safety
- It has both methods such as vertical & slant methods
- Powerful strength for the mix of extraction liquid & water
- Having various and rotated sample holder
- Shaker with 11 kg maximum loading capacity

Applications

- Double sided vertical shaker used in oil extraction from water, organic pollutant extraction from water and pesticide residue extraction from potable liquids, soil solutions, and volatile phenol extraction.

Optional Accessories

- Separating funnels

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